CPC COOPERATIVE PATENT CLASSIFICATION

B28C PREPARING CLAY; PRODUCING MIXTURES CONTAINING CLAY OR CEMENTITIOUS MATERIAL, e.g. PLASTER (preparing material for foundry moulds B22C 5/00)

NOTE

In this subclass, the following terms or expressions are used with the meanings indicated:

- "cement" or "mixtures of cement with other substance" includes plaster;
- "clay" includes like ceramic compositions.

1/00	Apparatus or methods for obtaining or processing clay (filtration in general <u>B01D</u> ; separation of solids from solids <u>B03</u> , <u>B07</u> ; chemical part <u>C04B</u> ; by mining or quarrying <u>E21C 41/16</u> , <u>E21C 41/26</u> , <u>E21C 47/10</u>)	1/22	 combined with means for conditioning by heating, humidifying, or vacuum treatment, {by cooling, by sub-atmospheric pressure treatment}
1/003	• {Plant; Methods}	1/222	• • • {by moistening, e.g. by steam}
1/006	• {Methods}	1/225	• • • {by degassing, de-aerating}
1/02	 for producing or processing clay suspensions {, 	1/227	• • • {by heating, drying}
1/02	e.g. slip} (producing or processing suspensions in	1,22,	· · · · (o) nearing, drying)
	general <u>B01</u>)	Mixing clay	or cement with other material (general arrangement or
1/04	• • Producing suspensions, e.g. by blunging {or		nt B28C 9/00; mixers in general B01F; concrete paving
	mixing; with means for removing stones}		ined with distributing devices <u>E01C 19/00</u> ; machines for xtures of road-metal with bitumen E01C 19/10)
1/06	• Processing suspensions {, i.e. after mixing}		xtures of foad-metal with bitumen <u>EOTC 19/10</u>)
1/08	• • • Separating suspensions, e.g. for obtaining clay, for removing stones; {Cleaning clay slurries}	NOTE	
1/082	{Dewatering (B28C 1/088 takes precedence);		$\underline{B28C\ 3/00}$ - $\underline{B28C\ 7/00}$, the following term is used with
	Using sieves}		ng indicated:
1/084	{De-aerating}		g" includes preliminary mixing, e.g. of some of the
1/086	{Washing}		ients final mixing, and agitating the mixture to prevent
1/088	{by centrifugal force}	segreg	ation thereof
1/10	• for processing clay-containing substances in non-	3/00	Apparatus or methods for mixing clay with other
	fluid condition (clay slurries <u>B28C 1/02</u>); {Plants}		substances (producing clay suspensions <u>B28C 1/02</u>)
1/12	 Storing and conditioning in storage; Specially adapted storage spaces or devices for their filling or emptying; {Tower structures for the storage of clay} (feeding clay to shaping apparatus B28B 13/00) 	5/00	Apparatus or methods for producing mixtures of cement with other substances, e.g. slurries, mortars, porous or fibrous compositions (controlling the mixing apparatus and supplying the ingredients B28C 7/00 {separating cement from waste
1/14	• specially adapted for homogenising, comminuting		concrete <u>B03B 9/063}</u>)
	or conditioning clay in non-fluid condition or for separating undesired admixtures therefrom	5/003	• {Methods for mixing (<u>B28C 5/386</u> , <u>B28C 5/402</u>
	(processes involving conversion to a slurry	5/006	take precedence)}
	B28C 1/02; conditioning in storage B28C 1/12;	5/006	• • {involving mechanical aspects}
	comminuting in general <u>B02C</u> ; chemical features in eliminating iron or lime <u>C04B</u>)	5/02	 without using driven mechanical means effecting the mixing (<u>B28C 5/48</u> takes precedence)
1/16	• • • for homogenising, e.g. by mixing, kneading;	5/023	• {using a flexible mat or bag}
	{forcing through slots}	5/026	• • {Mixing guns or nozzles; Injector mixers (applying plaster by gas pressure <u>E04F 21/12</u> ;
1/18	for comminuting {clay lumps}		both conveying and distributing concrete
1/182	• • • {by forcing the clay through screens or slots, e.g. using screw or rolls}		<u>E04G 21/04</u> ; conveying concrete <u>B65G 53/32</u> ;
1/185	• • • • {on cylindrical or conical surfaces, e.g. on rotating drums}		accelerating or decelerating material flow in troughs or tubes <u>B65G 53/58</u>)}
1/187	• • • • {using co-operating rotating elements, e.g. cutters}	5/04	• Gravitational mixing; Mixing by intermingling streams of ingredients ({B28C 5/026 takes
1/20	• • • for separating undesired admixed bodies, {e.g.		precedence } ; ingredients projected by fluid pressure <u>B28C 5/06</u>)
1/203	stones}• {by forcing the clay through screens or slots, e.g. having exchangeable screens or slots}	5/06	• • the mixing being effected by the action of a fluid (in combination with driven mechanical means,
1/206	• • • • {on cylindrical or conical surfaces, e.g. on		producing cellular concrete <u>B28C 5/38</u>)
1/200	rotating drums}	5/08	• using driven mechanical means affecting the mixing (B28C 5/40, B28C 5/42, B28C 5/48 take precedence; in combination with the action of a

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fluid B28C 5/38)

5/0806	• • {Details; Accessories}	5/14		e stirrers having motion about a horizontal
5/0812	• • • {Drum mixer cover, e.g. lid}			substantially horizontal axis {(with
5/0818	{Charging or discharging gates or chutes;	5/141		eding or discharging means <u>B28C 5/12</u>)}
E/002E	Sealing means} {Drum insulating means}	3/141		{with container tiltable or elevatable for emptying}
5/0825	 {Drum insulating means} {Drives or drive systems, e.g. toothed racks,	5/142		{the stirrer shaft carrying screw-blades}
5/0831	winches (B28C 7/0876 takes precedence)			• {for materials flowing continuously
5/0837	{Drives for mixers of the tilted-drum type			through the mixing device}
3/003/	(B28C 5/085 takes precedence)}	5/145		{with several mixing chambers arranged
5/0843	{Drives for drums rotating about a horizontal			one after the other}
	axis and supported by rotating rollers	5/146		{with several stirrers with parallel shafts
	(<u>B28C 5/085</u> takes precedence)}			in one container (<u>B28C 5/145</u> takes
5/085	{Hydraulic drives}			precedence)}
5/0856	• • • {Supporting frames or structures, e.g.	5/147		• {the material being moved perpendicularly to the axis of the shafts}
T/00.62	supporting wheels}	5/148		{the stirrer shaft carrying a plurality of
5/0862	 {Adaptations of mixing containers therefor, e.g. use of material, coatings} 	3/140		radially extending mixing bars}
5/0868	• • {Mixing apparatus in which a mixing container is	5/16		e stirrers having motion about a vertical
3/0000	hoisted along an inclined or vertical track during	2,23		steeply inclined axis {(with feeding or
	mixing to discharge at a higher level}			scharging means <u>B28C 5/12</u>)}
5/0875	{Mixing in separate stages involving different	5/161		{in containers tiltable for emptying in
	containers for each stage}			containers with inclined axes}
5/0881	• • {having a stator-rotor system with intermeshing			{in annularly-shaped containers}
	teeth or cages}			• {with stirrers having planetary motion}
5/0887	• • {provided with sieves or filters}			{Pan-type mixers}
5/0893	• • {Mobile mixing devices, e.g. hanging}			• {with stirrers having planetary motion}
5/10	. Mixing in containers not actuated to effect the	5/18		g in containers to which motion is imparted of the mixing
5/12	mixing with stirrers sweeping through the materials {,	5/1806		ating about an inclined axis (about a steeply
3/12	e.g. with incorporated feeding or discharging	3/1000		ned axis <u>B28C 5/26</u>)}
	means or with oscillating stirrers}	5/1812		vith rotating mixing tools}
5/1207	• • • { with means for elevating the stirrer, e.g. out			Mobile or portable devices, e.g. on
	of the containers}			wheelbarrow (B28C 5/1887 takes
5/1215	• • • • {Independent stirrer-drive units, e.g. portable		_	ecedence)}
	or mounted on a wheelbarrow}	5/1825		xers of the tilted-drum type, e.g. mixers
5/1223	{discontinuously operating mixing devices,			table about an axis perpendicular to the
5/100	e.g. with consecutive containers}	5/1831		of rotation for emptying} o be mounted on a tractor}
5/123	• • • • {with pressure or suction means for discharging}			provided with feeding means, e.g.
5/1238	• • • • {for materials flowing continuously through	3/1037		oisting skips (B28C 5/1831, B28C 5/185,
3/1230	the mixing device and with incorporated			28C 5/1856 take precedence)}
	feeding or discharging devices (feeding or	5/1843	{h	naving several drums}
	discharging devices per se B28C 5/0818)}	5/185	{h	naving driven stirrers, e.g. driven from
5/1246	• • • • • { with feeding devices (<u>B28C 5/1276</u> ,		un	nderneath}
	<u>B28C 5/1292</u> take precedence)	5/1856		Details or parts, e.g. drums (drives
5/1253	• • • • { with discharging devices (B28C 5/1276,			28C 5/0831)}
E/10/1	B28C 5/1292 take precedence)}	5/1862		{Construction of drum, e.g. provided with
5/1261	{Applying pressure for discharging (applying pressure during mixing	E/10/0		mixing blades}
	B28C 5/462)}			• {with mixing elements held stationary} {Tilting means; Locks or brakes therefor}
5/1269	• • • • • {for making cellular concrete (in general			he mixing drums being tilted otherwise
	<u>B28C 5/381</u>)}	3/1001		an about a fixed axis perpendicular to the
5/1276	• • • • { with consecutive separate containers with			is of rotation of the drum, e.g. by means of
	rotating stirring and feeding or discharging			set of links}
	means}	5/1887		Mobile or portable devices, e.g. for use by
5/1284	{having a feeding hopper and			o-it-yourself enthousiasts}
	consecutive vertical or inclined mixing	5/1893		mixing drum being rotated by pulling it
5/1292	container fed at its upper part} {with rotating stirring and feeding or			the ground; the mixing drum or the stirrer
211414	discharging means fixed on the same		vehi	g driven by movement of the wheel of a
	axis, e.g. in an inclined container fed at its	5/20		ing about a horizontal or substantially
	lower part}			zontal axis during mixing, e.g. without
			inde	pendent stirrers
		5/2009	{v	vith multi-compartment drums}

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5/2018	• • • {Transportable containers, e.g. on a wheelbarrow, to be fixed totally or partly in a mixer, e.g. for rotation therewith}	5/42 • Apparatus specially adapted for being mounted on vehicles with provision for mixing during transport ({B28C 5/1893 takes precedence; mounted
5/2027	• • • { using spiral-shaped mixing drums }	on a wheelbarrow <u>B28C 5/1215</u> , <u>B28C 5/1818</u> ,
5/2036	• • • { with the material travelling through the	<u>B28C 5/2018;</u> } vehicle aspect <u>B60P 3/16</u>)
	mixer, the discharge being opposite the feed	5/4203 • • {Details; Accessories}
	inlet (<u>B28C 5/2072</u> , <u>B28C 5/22</u> , <u>B28C 5/24</u>	5/4206 {Control apparatus; Drive systems, e.g. coupled
	take precedence)}	to the vehicle drive-system}
5/2045	• • • {Parts or components (drives <u>B28C 5/0831</u>)}	5/421 {Drives (in general <u>B28C 5/0831</u>)}
5/2054	• • • • {Drums, e.g. provided with non-rotary	5/4213 {Hydraulic drives (<u>B28C 5/4217</u> takes
	mixing blades (B28C 5/2009 takes	precedence)}
= (0 0 - 0	precedence)}	5/4217 {Drives in combination with drum
5/2063	{Drums consisting of axially	mountings; Drives directly coupled to the
	displaceable halves; Drums having discharging opening on their cylindrical	axis of rotating drums}
	part, e.g. the drum rotating in opposite	5/422 {Controlling or measuring devices (B28C 5/4227 takes precedence)}
	direction for mixing or for discharging;	5/4224 {Roll-over prevention}
	Drums having a cylindrical part not	5/4227 {Ron-over prevention} 5/4227 {Transmission control mechanisms}
	being a surface of revolution}	5/4231 {Proportioning or supplying water (in general
5/2072	{Feeding or discharging mechanisms}	B28C 7/12)}
5/2081	{Chutes pivotable about an axis parllel	5/4234 {Charge or discharge systems therefor}
	to the plane of the inlet or outlet	5/4237 {Charging, e.g. hoppers}
	opening}	5/4241 {having self-charging means, e.g. skips,
5/209	• • • • • {Chutes rotatable about an axis parllel to	scoops or buckets, picking up the material
	the drum axis}	from the ground}
5/22	• • • with stirrers held stationary, {e.g. the	5/4244 {Discharging; Concrete conveyor means,
	material forming a ring zone by centrifugal	chutes or spouts therefor (in general
	force}	<u>B28C 7/168</u>)}
5/24	with driven stirrers	5/4248 {using chutes (combined with transporting
5/26	rotating about a vertical or steeply inclined	belts <u>B28C 5/4255</u> , combined with pumps
	axis during the mixing, {e.g. comprising a flat	or screws <u>B28C 5/4258</u>)}
	bottomplate rotating about a vertical axis, co-	5/4251 {telescopic or foldable chutes}
5/28	operating with blades or stirrers } without independent stirrers	5/4255 {using transporting belts, e.g. mounted on
5/30	with stirrers held stationary	a foldable frame}
5/32	with driven stirrers	5/4258 {using pumps or transporting screws}
5/325	{ with several stirrer shafts}	5/4262 {Closures; Sealing mechanisms (<u>B28C 5/4237</u>
5/34	. Mixing on or by conveyors {, e.g. by belts or	takes precedence)}
3/34	chains provided with mixing elements}	5/4265 {Mounting means for drums; Support frames}
5/36	• • • Endless-belt mixers {, i.e. for mixing while	5/4268 {Drums, e.g. provided with non-rotary mixing blades (drums for concrete mixers with
	transporting the material on an endless belt, e.g.	horizontal axis <u>B28C 5/2054</u>)}
	with stationary mixing elements}	5/4272 • • { with rotating drum rotating about a horizontal
5/365	• • • • {Mixing with driven mixing elements while	or inclined axis, e.g. comprising tilting or
	transporting the mixture on an endless belt}	raising means for the drum (<u>B28C 5/4279</u> takes
5/38	 wherein the mixing is effected both by the action 	precedence)}
	of a fluid and by directly-acting driven mechanical	5/4275 { with a drum rotating about a horizontal axis,
	means, e.g. stirring means; {Producing cellular	e.g. perpendicular to the longitudinal axis of the
7 (201	concrete}	vehicle}
5/381	• • {Producing cellular concrete (B28C 5/1269 takes	5/4279 • • { with rotating drum and independently-rotating
	precedence; producing foam <u>B01F 3/04446</u> ,	mixing tools}
5/383	B01F 3/04992)} {comprising stirrers to effect the mixing}	5/4282 • • { with moving mixing tools in a stationary
5/385	{Stirrers specially adapted therefor}	container}
5/386	{Starters specially adapted therefor} {Plants; Systems; Methods}	5/4286 { with mixing screw-blades}
5/388	{Methods}	5/4289 {with stirrers rotating about a vertical axis}
5/40	Mixing specially adapted for preparing mixtures	5/4293 {with reciprocating or oscillating stirrers}
J/40	containing fibres	5/4296 •• {mounted on a tractor or on a tractor wheel (for
5/402	• • {Methods}	tilted-drum type mixers <u>B28C 5/1831</u> ; charging thereof <u>B28C 5/4237</u>)}
5/404	• {Pre-treatment of fibres}	5/44 • Apparatus specially adapted for drive by muscle
5/406	• • {and mixing with binding material}	power
5/408	• • {by spraying fibres and binding material}	5/46 • Arrangements for applying super- or sub-
		atmospheric pressure during mixing; Arrangements
		for cooling or heating during mixing, {e.g. by
		introducing vapour}

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5/462	• • {Mixing at sub- or super-atmospheric pressure	7/0431 {using a weighing belt or the like}
~ ((B28C 5/1261 takes precedence)	7/0436 {Weighing means specially adapted for use in
5/464	• • • {at sub-atmospheric pressure}	batching plants}
5/466	• • {Heating, e.g. using steam}	7/044 {Weighing mechanisms specially adapted
5/468	• • {Cooling, e.g. using ice}	therefor; Weighing containers (other containers
5/48	 wherein the mixing is effected by vibrations (mixers with vibrating mechanisms in general <u>B01F 11/00</u>) 	B28C 7/0046)} 7/0445 • • • {using a weighing receptacle, the feeding
5/485	• • {with reciprocating or oscillating stirrers; Stirrers	thereof being automatically suspended after
3/463		a predetermined weight has been obtained
	therefor (<u>B28C 5/4293</u> takes precedence)}	(B28C 7/045 takes precedence)}
7/00	Controlling the operation of apparatus for	7/045 {using a weighing receptacle movable
	producing mixtures of clay or cement with other	between several positions, e.g. moving
	substances; Supplying or proportioning the	vertically, horizontally or rotating about an axis
	ingredients for mixing clay or cement with other	(B28C 7/0427 takes precedence)}
	substances; Discharging the mixture {(B28C 5/42	7/0454 • • {Volumetric measuring devices, e.g. for
	takes precedence; feeding material in general <u>B65G</u> ;	consecutively delivering predetermined volumes
	proportioning in general G01F, G01G; controlling in	of ingredients}
	general <u>G05</u>)}	7/0459 {the ingredients being first supplied into
7/0007	• {Pretreatment of the ingredients, e.g. by heating,	measuring chambers, e.g. containers or skips}
	sorting, grading, drying, disintegrating; Preventing	
	generation of dust}	7/0463 {Measuring chambers or containers therefor (other containers B28C 7/0046)}
7/0015	• • {Tagging of the ingredients, e.g. by using	
	ingredient identification means like RFID or	7/0468 {the measuring chambers being provided on
	labels}	a rotating drum}
7/0023	• • {by heating or cooling (during mixing	7/0472 {for continuous feeding, e.g. by controlling the
	<u>B28C 5/46</u>)}	velocity of a transporting belt or the thickness
7/003	• • {Heating, e.g. using steam}	of the ingredients on the belt or by regulating
7/0038	• • • {Cooling, e.g. using ice}	the outlet of a hopper (<u>B28C 7/0477</u> takes
7/0046	• {Storage or weighing apparatus for supplying	precedence)}
770040	ingredients (<u>B28C 7/04</u> takes precedence)}	7/0477 {by using conveyor screws}
7/0053	• • {Storage containers, e.g. hoppers, silos, bins	7/0481 • • {Plant for proportioning, supplying or batching
770055	(B28C 7/0084 takes precedences)}	(<u>B28C 7/0436</u> , <u>B28C 7/0811</u> take precedence; plant in general <u>B28C 9/00</u>)}
7/0061	• • • {Storage container plant}	
7/0069	• • {Storage container plant} • • • {having compartments}	7/0486 {the plant being mobile}
7/0076	• • {Parts or details thereof, e.g. opening, closing	7/049 {and broken-down for transport}
7/0070	or unloading means}	7/0495 {with a frame carrying the supplying,
7/0084	Storage containers or silos mounted on, or	proportioning or batching elements, movable between a horizontal transport
7/0004	specially adapted for transport by, vehicles;	position and an inclined working position}
	Means for erecting containers or silos}	
7/0092	• • {Stationary storage means having elements to	 7/06 • Supplying the solid ingredients, e.g. by means of endless conveyors or jigging conveyors
110072	divide the ground in sectors}	7/061 {from stationary storage means having
7/02	• Controlling the operation of the mixing	elements for dividing the ground sectorially
7/022	• Controlling the operation of the mixing • (by measuring the consistency or composition)	(B28C 7/0811 takes precedence)
1/022	of the mixture, e.g. with supply of a missing	
	component}	7/062 {with a pneumatic or hydraulic conveyor}
7/024	• • {by measuring properties of the mixture, e.g.	7/064 {Supply from sacks; Sack openers}
1/024	moisture, electrical resistivity, density}	7/065 {with a pivotable charging-bin (B28C 7/068
7/026	 • • {by measuring data of the driving system, e.g. 	takes precedence)}
7/020	rotational speed, torque, consumed power}	7/067 {by means of stationary hoppers, chambers
7/028	 • {by counting the number of revolutions 	or bins from which the material is fed
1/020	performed, or by measuring the mixing time}	gravitationally, e.g. having agitating means
7/04	• Supplying or proportioning the ingredients	therein (hoppers or bins per se B28C 7/0053)}
7/04	{(B28C 7/022 takes precedence; forming a	7/068 {having means to elevate or hoist a charging-
	predetermined ratio of the components to be mixed,	bin or container}
	in general B01F 15/04)}	7/08 by means of scrapers or skips
7/0404	• {Proportioning}	7/0805 {by means of a barrow or the like}
7/0404	 { taking regard of the moisture content of the	7/0811 {from stationary storage means having
770707	solid ingredients; Moisture indicators}	elements for dividing the ground sectorially}
7/0413	• • {two or more flows in predetermined ratio}	7/0817 {on an endless chain}
7/0413	{control systems therefor}	7/0823 {using manually-operated cable-pulled drag
7/0418	{Control systems therefor} {Weighing predetermined amounts of ingredients,}	shovels (<u>B28C 7/0841</u> takes precedence)}
1/0422	e.g. for consecutive delivery	7/0829 (using reciprocating cable-suspended drag
7/0427	 e.g. for consecutive derivery; • (using a charging-skip, to be hoisted or tilted, 	shovels}
1/U 1 441	provided with weight-indicating means}	
	provided with weight indicating means;	

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7/0835	{using skips to be hoisted along guides or	9/02	. for producing mixtures of clay or cement with other
	to be tilted, to charge working-site concrete		materials
7/0041	mixers (proportioning by means of a skip B28C 7/0427, B28C 7/0459)}	9/04	• the plant being mobile, {e.g. mounted on a carriage or a set of carriages} (B28C 5/42, {B28C 9/004,
7/0841	{having mechanisms to fill the skip in its lowest position, e.g. by drag shovels, from	9/0409	B28C 9/006} take precedence) • {and broken-down for transport (B28C 9/0445)}
7/0847	a hopper} {the skips being hoisted along vertical or	9/0418	takes precedence)}• { with a storage silo movable between a
	inclined guides}	<i>)</i> /0410	horizontal transport position and a vertical
7/0852	• • • • { and being tilted in their upmost position for discharging them at their upper side }	9/0427	working position}• { with a frame carrying the supplying and mixing elements movable between a horizontal
7/0858	• • • • { the skips being tilted (<u>B28C 7/0852</u> takes precedence)}		transport position and an inclined working position}
7/0864	{about a fixed axis}	9/0436	• • {Plant adapted for mixing material lying in
7/087	• • • • {Parts; Accessories, e.g. safety devices}	0/0445	sectors on the ground}
7/0876	{Drives therefor, e.g. winches, hydraulic drives}	9/0445 9/0454	 {and broken-down for transport}. {Self-contained units, i.e. mobile plants
7/0882	{Skips}	2/0434	having storage containers for the ingredients
7/0888	• • • • • {Vibration devices, e.g. for facilitating		(<u>B28C 9/0472</u> , <u>B28C 9/0481</u> take precedence)}
7 /0004	the emptying of the skips}	9/0463	• • { with a mixing discharge trough with a free end, e.g. provided with a mixing screw or
7/0894 7/10	 {Parts, e.g. winches} by means of rotary members {, e.g. inclinable		pivotable about a vertical or horizontal axis
//10	screws}	9/0472	• • {provided with two or more carriages for storing
7/12	Supplying or proportioning liquid ingredients		the ingredients or for the mixing device, e.g.
7/122	• • • {by means of a measuring chamber, e.g.	0/0401	transportable on rails}
	container}	9/0481	• • { with means for loading the material from ground level to the mixing device, e.g. with an endless
7/124	{for use with a skip}		conveyor or a charging skip (B28C 9/0436 takes
7/126 7/128	 {Supply means, e.g. nozzles} {Nozzles; Valves; Valve-actuating means}		precedence)}
7/128	 Supply means incorporated in, or mounted on, 	9/049	• • { with at least a storage compartment for one of
//14	mixers		the ingredients}
7/16	• Discharge means, {e.g. with intermediate storage of fresh concrete}		
7/161	 • {with storage reservoirs for temporarily storing the fresh concrete; Charging or discharging devices therefor} 		
7/162	• • {by means of conveyors, other than those comprising skips or containers, e.g. endless belts,		
7/163	screws, air under pressure} {using a pump}		
7/165	• • • {using a painp} • • • • {using a fluid, e.g. gas (<u>B28C 5/06</u> , <u>B28C 5/1261</u> take precedence)}		
7/166	• • • • {comprising a lock rotor with pockets for feeding determined quantities of material from a hopper into the driving fluid}		
7/167	• • {by means of a screw conveyor}		
7/168	• • • {Discharging chutes for concrete mixers}		
9/00	General arrangement or layout of plant {(B28C 7/0061, B28C 7/0481 take precedence)}		
9/002	• {Mixing systems, i.e. flow charts or diagrams; Making slurries; Involving methodical aspects; Involving pretreatment of ingredients; Involving packaging}		
9/004	{Making slurries, e.g. with discharging means for injecting in a well or projecting against a wall}		
9/006	• {comprising a multicompartment silo with the mixing device, e.g. a mixing screw, fitted directly at the underside of the silo, e.g. with proportioning		
9/008	means at the exit of the silo} • {Plant adapted for mixing materials lying on the ground, e.g. in sectors (B28C 9/0436 takes precedence)}		

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